Sl No	Description of Items	No	L	B	D	Qty	Unit

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Continued.....

20	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer.						
		Qty vide Item No.19				137.97	
						137.97	**Sqm**

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Continued.....

21	Extra for providing and applying every subsequent coat of painting with plastic emulsion paint of approved brand and shade for Item no.15-15.1 and 15-15.3 cost of materials, labour, complete as per specifications.						
		Qty vide item No.20				137.97	
						137.97	**Sqm**

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Continued.....

22	**Providing and finishing external walls in two coats with waterproof cement paint of** approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications-do with primer						
		Qty vide item No.17				270.30	
						270.30	**Sqm**

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Continued.....

23	KSRB 15-16.3 : Extra for providing and applying every subsequent coat of waterproofing cement paint of approved brand and shade for Item no.15-16.1 cost of materials, labour, complete as per specifications.						
		Qty vide item No.22				270.30	
						270.30	**Sqm**

Sl No	Description of Items	No	L	B	D	Qty	Unit

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24	**Providing Honne wood frames of doors, windows**, clerestory windows, ventilators and other frames wrought, framed of assembled including making plaster grooves (excluding cost of materials, labour, HOM of machineries complete as per specifications						
	Door D	4	6.60	0.13	0.10	0.33	
	Door D1	11	6.00	0.13	0.075	0.62	
						0.95	Cum

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25	"SOLID PANEL PRELAM PVC DOOR SHUTTER" Providing and fixing 30MM thick factory made rigid foam with both side Prelam Panelled Door Shutters made from M.S. tube of 19 x 19mm, 19 gauge for styles and 15 x 15mm for top & bottom rails, covered with heat moulded Prelaminated PVC 'C' Channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S Frams, Sealed to the styles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm. Aluminium hinges.						
	D	4	0.95		1.95	7.41	
	D1	11	0.75		1.95	16.09	
						23.50	Sqm

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26	**Providing and fixing M.S. grill work for windows and ventilator** weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications						
	V1	5	0.90		0.60	2.70	
	V	4	1.20		0.60	2.88	
	W	2	0.45		1.20	1.08	
		1	0.90		1.20	1.08	
						7.74	
	Consider 21 kg per one sqm		21	x	7.74	162.54	Kg

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Sl No	Description of Items	No	L	B	D	Qty	Unit

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Continued.....

27	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with.1,2mm thick, bottom section weight 0.695 kg/m, sides and top sections1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, rawl plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification do- using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality						
	V1	5	0.90		0.60	2.70	
	V	4	1.20		0.60	2.88	
	W	2	0.45		1.20	1.08	
		1	0.90		1.20	1.08	
						7.74	Sqm

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Continued.....

28	**Applying priming coat over new wood surface** and/ or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specificatios						
	D	4	1.05		2.10	8.82	
		11	0.90		2.10	20.79	
						29.61	**Sqm**

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29	**Providing and applying painting two coats (excluding priming coat)** on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications						
		Qty vide item No.28				29.61	
						29.61	**Sqm**

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Sl No	Description of Items	No	L	B	D	Qty	U
	Continued.....						
30	: Extra over Item No. 15-17.6 for applying every subsequent coat of enamel paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.						
			Qty vide item No.29			29.61	
						29.61	**Sq**

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31	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 900mm						
	Ground Floor						
	Urinal partion	5	1.20	0.60		3.60	
						3.60	**Sqm**

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32	Providing and fixing Ceramic tiles of size 400x400mm for flooring, threads, steps and landing, laid on a bed of 20mm thick cement mortar 1:3 mix flush pointing with white cement mixed with matching colour pigment including curing, cleaning etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for equipment,etc., complete as per specification						
	For Toilet Rooms floor						
	Flooring toilet	10	1.20	1.20		14.40	
	Waiting room (Gents)	1	2.55	2.50		6.38	
		1	2.30	1.95		4.49	
	Collection room	1	2.15	1.75		3.76	
	Collection room	2	2.15	0.10		0.43	
		2	1.75	0.10		0.35	
	Waiting room (Ladies)	1	3.95	1.75		6.91	
	school waiting Girls	1	3.40	1.60		5.44	
	Boys	1	3.20	1.60		5.12	
	Front passageNorth	1	4.10	1.35		5.54	
	Front passageNorth	1	1.50	1.80		2.70	
	Front passage East	1	8.70	1.50		13.05	
	Front passage South	1	4.20	1.50		6.30	
		2	3.10	1.00		6.20	
						81.06	**Sqm**
				Qty limited		**80.71**	**Sqm**

Sl No	Description of Items	No	L	B	D	Qty	Unit

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33	Providing and fixing colour glazed tiles of size 300mmx600mm for walls with borders of size 300x100mm, set in Cement Mortar 1:3 and pointed with white cement with matching colour pigment with necessary curing, cleaning including providing and removing scaffolding wherever necessary etc., complete. The work includes cost of all materials, mortar, labour charges for all items of work, hire charges for equipment etc., complete as per specification						
	For Toilet Rooms wall						
	Ladies toilet Waiting area wall	2	3.95		1.50	11.85	
		2	1.70		1.50	5.10	
	Toilet	12	1.20		1.50	21.60	
	gends toilet	2	2.60		1.50	7.80	
		2	5.00		1.50	15.00	
	Toilet	8	1.20		1.50	14.40	
	School Girls toilet Waiting Area	2	3.40		1.50	10.20	
		2	1.60		1.50	4.80	
	Toilet	13	1.25		1.50	24.38	
	School Boys toilet Waiting Area	2	3.20		1.50	9.60	
		2	1.60		1.50	4.80	
	Toilet	2	1.45		1.50	4.35	
		6	1.20		1.50	10.80	
	Deduction D	-4	1.05		1.50	-6.30	
	D1	-20	0.90		1.50	-27.00	
						111.38	**Sqm**
				Qty limited to		**102.15**	**Sqm**

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34	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications						
	terrace	1	3.10	3.85		11.94	
	terrace	1	1.20	2.00		2.40	
	terrace	1	5.00	4.15		20.75	
	terrace	1	2.00	1.20		2.40	
	terrace	1	7.00	4.90		34.30	
	terrace					**71.79**	**Sqm**

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Sl No	Description of Items	No	L	B	D	Qty	Unit
	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - **25mm nominal OD pipes**						
		1	55.00			55.00	
						55.00	**Rmt**

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36	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - **20mm nominal OD pipes**						
		1	85.00			85.00	
						85.00	**Rmt**

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37	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with **160mm outer dia(**						
		1	25.00			25.00	
						25.00	**Rmt**

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Continued.....

38	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with **110mm outer dia**						
		1	33.00			33.00	
						33.00	**Rmt**

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Sl No	Description of Items	No	L	B	D	Qty	Unit
39	Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification						
		25				25.00	
						25.00	**No's**

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40	**providing and fixing in position brass gate valve** with C.I. Wheel of approved quality (Screwed end) 20mm nominal bore including cost of all materials labour and HOM of Equipments with all lead complete as per specificatins**(P.No.93, I.No. 13.33 of PWD SR 2018-19)**						
		5				5.00	
						5.00	**No's**

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41	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. - **for 32mm dia**						
		15				15.00	
						15.00	**No's**

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42	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm						
		4				4.00	
						4.00	**No's**

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Sl No	Description of Items	No	L	B	D	Qty	Unit
	Continued.....						
43	Providing and fixing on wall surface 4.0kg?Sq.cm **H.D.P.E. rain down water pipes 90mm outer dia approved** make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specification						
		2	3.50			7.00	
						7.00	**Rmt**

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44	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I I M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification						
		11				11.00	
						11.00	**NO's**

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Continued.....

45	Providing and fixing white vitreous china clay flat back **wash basin size 630x450mm with a** single of 15mm C.P. brass pillar taps with C.I. /M.S. brackets 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications						
		6				6.00	
						6.00	**No's**

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Continued.....

46	Providing and fixing white vitreaus **china clay, flat back, lipped front urinal basin of 430x260x350mm** with 5 litre PVC automatic flushing cistren, C.I./M.S bracket, standard flush pipe and c.P. brass spreaders with brass union and G.I.Clamp Complete painting of fitting and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specification						
		6				6.00	
						6.00	**No**

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Sl No	Description of Items	No	L	B	D	Qty	Unit

Continued.....

47	Providing and fixing 7.5 cms to 15.00 cms dia NP grating **100 mm dia.**						
		10				10.00	
						10.00	**No's**

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48	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms						
		10				10.00	
						10.00	**No's**

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49	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. **(For 1000 litre capacity)** Specification						
		2				2.00	
						2.00	**No's**

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50	Rectangalur shape mirror of size **1500x450mm** with plastic moulded frame Page XXVI, Sl .No.680)						
		3				3.00	
						3.00	**No's**

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